

FLORA OF BANGLADESH

NO. 43

CASSYTHACEAE

EDITORS

MD. SALAR KHAN
and
M. MATIUR RAHMAN

June 1989

By
M.S. KHAN
and
HOSNE-ARA

BANGLADESH NATIONAL HERBARIUM
BANGLADESH AGRICULTURAL RESEARCH
COUNCIL

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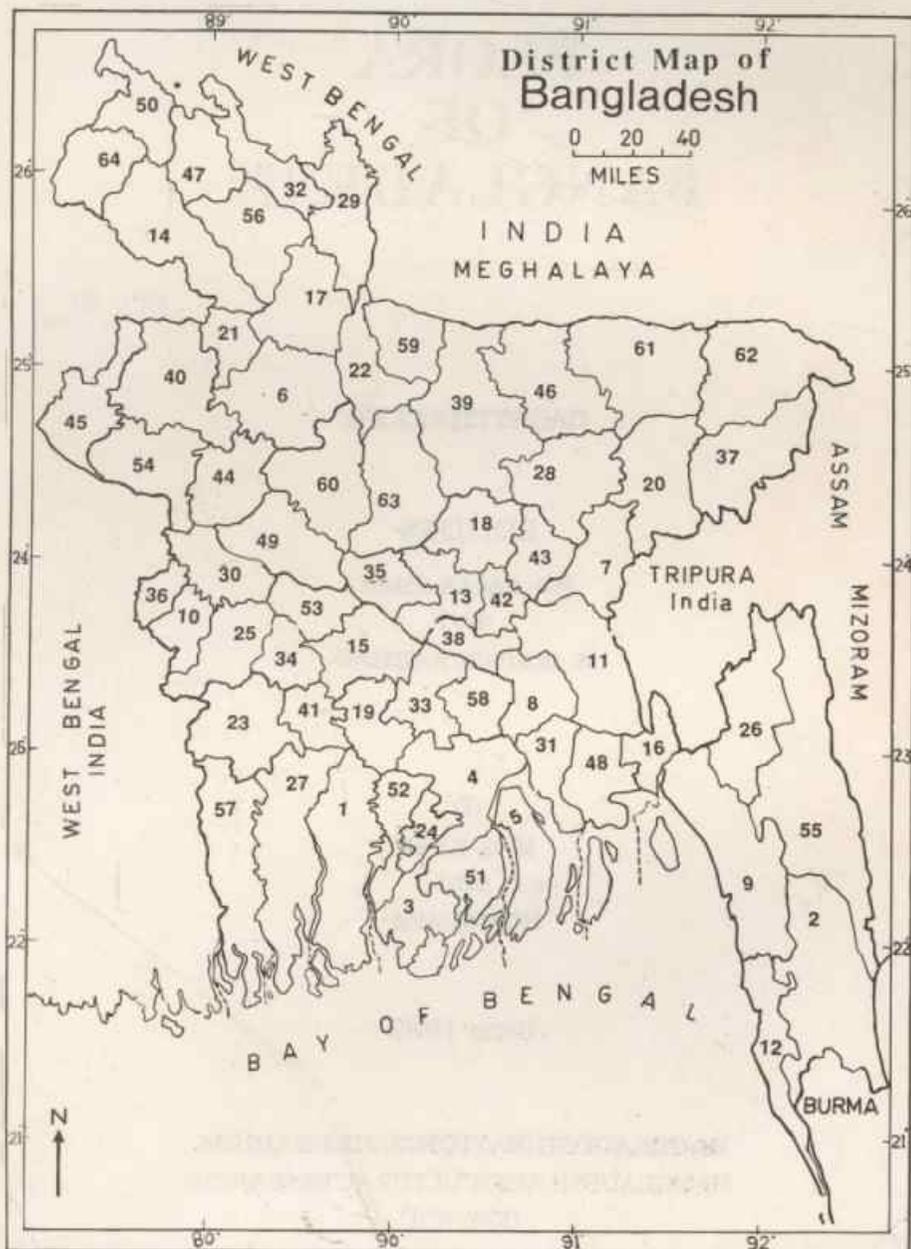
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List of Districts

The serial numbers correspond to those given in the map.

- | | |
|------------------|------------------|
| 1. Bagerhat | 33. Madaripur |
| 2. Bandarban | 34. Magura |
| 3. Barguna | 35. Manikganj |
| 4. Barisal | 36. Meherpur |
| 5. Bhola | 37. Moulvi Bazar |
| 6. Bogra | 38. Munshiganj |
| 7. Brahamanbaria | 39. Mymensingh |
| 8. Chandpur | 40. Naogaon |
| 9. Chittagong | 41. Narail |
| 10. Chuadanga | 42. Narayanganj |
| 11. Comilla | 43. Narsingdi |
| 12. Cox's Bazar | 44. Natore |
| 13. Dhaka | 45. Nawabganj |
| 14. Dinajpur | 46. Netrakona |
| 15. Faridpur | 47. Nilphamari |
| 16. Feni | 48. Noakhali |
| 17. Gaibandha | 49. Pabna |
| 18. Gazipur | 50. Pachagarh |
| 19. Gopalganj | 51. Patuakhali |
| 20. Habiganj | 52. Pirojpur |
| 21. Jaipurhat | 53. Rajbari |
| 22. Jamalpur | 54. Rajshahi |
| 23. Jessore | 55. Rangamati |
| 24. Jhalakati | 56. Rangpur |
| 25. Jhenaidaha | 57. Satkhira |
| 26. Khagrachari | 58. Shariatpur |
| 27. Khulna | 59. Sherpur |
| 28. Kishoreganj | 60. Sirajganj |
| 29. Kurigram | 61. Sunamganj |
| 30. Kushtia | 62. Sylhet |
| 31. Lakshmipur | 63. Tangail |
| 32. Lalmonirhat | 64. Thakurgaon |

CASSYTHACEAE

M.S. Khan and Hosne-Ara

Green, filiform parasites, adhering to the host by suckers. Leaves reduced to minute scales or absent. Inflorescence spicate, capitate or racemose. Flowers small, hermaphrodite, some times dimorphic, bracteoles 3. Perianth of 6 segments, the 3 outer smaller, perianth tube short, globose or turbinate and as long as the limb. Perfect stamens 9 or 6, filaments of first row eglandular with introrse, 2-celled anthers, those of the second row similar or some times reduced to staminodes, those of the third row with 2- glandular filaments and extrorse anthers; those of the fourth row replaced by sessile and stipitate staminodes. Ovary globose, style short, stigma subsessile, small or capitate. Fruit a drupe, enclosed in the enlarged inflated perianth-tube, crowned by the remains of the lobes and stamens; pericarp of 2 layers, the outer thin, the inner thick and hard. Seed with a thin testa, cotyledons fleshy, at length confluent.

CASSYTHA L., Sp. Pl.: 35 (1753).

C. filiformis L., Sp. Pl.: 35 (1753). Hook. f., Fl. Brit. Ind. 5: 188 (1886); Prain, Beng. Pl.: 677 (1903), rep. (1963). Pl. I.

Bengali : *Akashbel*

A parasite forming a web of leafless cords over bushes. Stems very long, cord-like, twined and matted together, branched, glabrous, dark green. Flowers c. 0.2 cm high, sessile, in lax or dense lateral spikes; bracteoles c. 0.1 cm long, small, rounded, ciliate. Perianth c. 0.2 cm long, segments 6 in 2 rows, the 3 outer short, rounded, ciliate, the 3 inner oblong, acute, concave, valvate. Stamen c. 0.2 cm long. Ovary c. 1.5 mm high. Fruit c. 0.7 x 0.7 cm, white, globose, smooth, enclosed in the fleshy perianth tube and crowned with the

LIST OF FAMILIES PUBLISHED

- | | |
|----------------------|----------------------|
| 1. Aizoaceae | 28. Martyniaceae |
| 2. Averrhoaceae | 29. Molluginaceae |
| 3. Avicenniaceae | 30. Moringaceae |
| 4. Basellaceae | 31. Nymphaeaceae |
| 5. Bixaceae | 32. Ochnaceae |
| 6. Buddleaceae | 33. Onagraceae |
| 7. Burmanniaceae | 34. Orobanchaceae |
| 8. Burseraeae | 35. Oxalidaceae |
| 9. Butomaceae | 36. Pedaliaceae |
| 10. Cannabidaceae | 37. Peperomiaceae |
| 11. Caricaceae | 38. Phytolaccaceae |
| 12. Cassythaceae | 39. Plumbaginaceae |
| 13. Casuarinaceae | 40. Polemoniaceae |
| 14. Ceratophyllaceae | 41. Pontederiaceae |
| 15. Commelinaceae | 42. Potamogetonaceae |
| 16. Convolvulaceae | 43. Punicaceae |
| 17. Dichapetalaceae | 44. Rhizophoraceae |
| 18. Dipterocarpaceae | 45. Ruppiaceae |
| 19. Elatinaceae | 46. Salicaceae |
| 20. Flagellariaceae | 47. Sonneratiaceae |
| 21. Fumariaceae | 48. Sphenocleaceae |
| 22. Haloragaceae | 49. Stemonaceae |
| 23. Hydrocharitaceae | 50. Stylidiaceae |
| 24. Hydrophyllaceae | 51. Trapaceae |
| 25. Juncaceae | 52. Tropaeolaceae |
| 26. Linaceae | 53. Turneraceae |
| 27. Loranthaceae | 54. Zannichelliaceae |
| | 55. Zygophyllaceae |

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